

BIRMINGHAM OPTICAL

# OPHTHALMOLOGY DIVISION



MEET OUR NEWLY FORMED  
OPHTHALMOLOGY TEAM

**STAND U**



**The ROYAL COLLEGE of  
OPHTHALMOLOGISTS**

Annual Congress 23 - 26 May 2022

At the new Ophthalmology Division at Birmingham Optical, we partner with eye care professionals to supply some of the world's leading products and technologies, providing expert product knowledge within all specialties.





## Retina Scan Duo™ 2



Fundus image acquisition with macula and disc capture in one image on an OCT, for enhanced screening and clinical efficiency.

- 12-megapixel non-mydriatic fundus camera with wide area OCT scan (12 x 9 mm)
- AngioScan option provides crystal clear OCT-Angiography images
- 3D auto tracking and auto shot enables faster patient throughput in busy clinics
- FAF modality and anterior segment OCT capability
- Automatic segmentation of OCT-A images provides greater detail in each retinal depth
- Denoising software improves B Scan quality even when captured in normal resolution and on previously taken scans. This technique provides HD images comparable to a multiple-image-averaging technique



## GS-1 Gonioscope



The NIDEK GS-1 Gonioscope rapidly captures quality colour images of the whole anterior chamber angle and the structures therein. A simple alignment process allows for quick and easy auto capture of the whole 360 degree angle.

- Instant documentation of the iridocorneal angle in real colour photographs
- Automated circumferential goniophotography
- Non-contact gel immersion measurement
- Allows clinicians to assess and plan with documentation
- A 16 mirror Gono Lens



## Pentacam® AXL Wave

### 5 Parameters Combined for the First Time!

The new Pentacam® AXL Wave is the first device to combine Scheimpflug tomography with axial length, total wavefront, refraction and retroillumination. With high-end hardware and software for optimum treatment and satisfied patients, the new Pentacam® AXL Wave makes no compromises on quality!

- > Wavefront Aberrometry of the Entire Eye
- > Objective Refraction
- > Retroillumination
- > Optical Biometry
- > Scheimpflug-based Tomography



## Sonomed Escalon™ VuPad™

The better the image, the more accurate the diagnosis. VuPad's superior UBM and B-scan image quality with Enhanced Focus Rendering™ and ultra high resolution touch screen allows you to capture both crisp still images and record video that can be carefully reviewed frame-by-frame.

- > Multi-frequency probe options for A, B and UBM scanning modes
- > Refractive and post-refractive IOL formulas
- > Integrated and customisable lens database with user profiles
- > Portable with VESA mounts for space saving DICOM ready for PACS and Image management solutions





## INSIGHTFUL INNOVATION

### PerfecTor

#### A3 PerfecTor: Always - Address - Astigmatism

The PerfecTor is a monofocal "Off The Shelf" toric IOL with a 1 dioptre cylinder, designed to provide a premium solution at affordable price for cataract surgery. Easy calculation is provided by an online Toric calculator.

The PerfecTor treats patients having 0.5D up to 1.75D of corneal astigmatism, the majority cataract of patients (59.2%) are included in this group.

PerfecTor ensures excellent stability and centration due to the plate design. High level of rotational stability is achieved due to the wide angle of contact with the capsular bag.



### INTENSITY

#### Vision Redefined

Intensity lens employs proprietary algorithms Dynamic Light Utilization and Pupil Aperture Optimisation technology for maximal light efficiency that transcends the traditional boundaries of conservative diffractive IOL patterns, bringing unprecedented vivid vision to cataract and refractive patients. Studies have shown 46% less light loss in comparison to some other premium IOLs.

A revolution in ophthalmic optics, Intensity IOL – as its name suggests – enables intensified vision with far, intermediate and near visual acuity with no compromise at any distance from infinity to 40 cm. Intensity increases quality of life for cataract patients enabling them to perform the full range of day to day activities.



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